

27. (New) The method of claim 22, wherein the membrane has microholes of about 40 μm diameter.

28. (New) The material of claim 23, wherein the membrane has microholes of about 40 μm diameter.

29. (New) The material of claim 24, wherein the membrane has microholes of about 40 μm diameter.

30. (New) The method of claim 25, wherein the membrane has microholes of about 40 μm diameter.--

IN THE ABSTRACT:

Please amend the abstract to recite:

Autologous cultured keratinocytes are grown on a biosynthetic and biocompatible substratum following pre-seeding with autologous or allogenic dermal fibroblasts. The resultant composite material may then be applied on the neoderms of artificial skin which had been previously engrafted on the patient. The composite material, and specifically Composite Biocompatible Skin Graft (CBSG) material comprises autologous keratinocytes and allogenic or autologous dermal fibroblasts grown on an artificial skin. A method for cultivating the CBSG includes the application of dermal fibroblasts onto the substratum as a feeder layer and then the inoculation of autologous keratinocytes on the resultant structure. A method for engraftment comprises first applying an artificial skin with a protective silicone membrane on a wound area, thereby allowing vascularization; and following vascularization, removing the silicone membrane and engrafting the CBSG material onto the vascularized artificial skin.

IN THE DRAWINGS:

In Appendix A, please amend the legends for the Photographs of Figures A1 through A3 to recite: